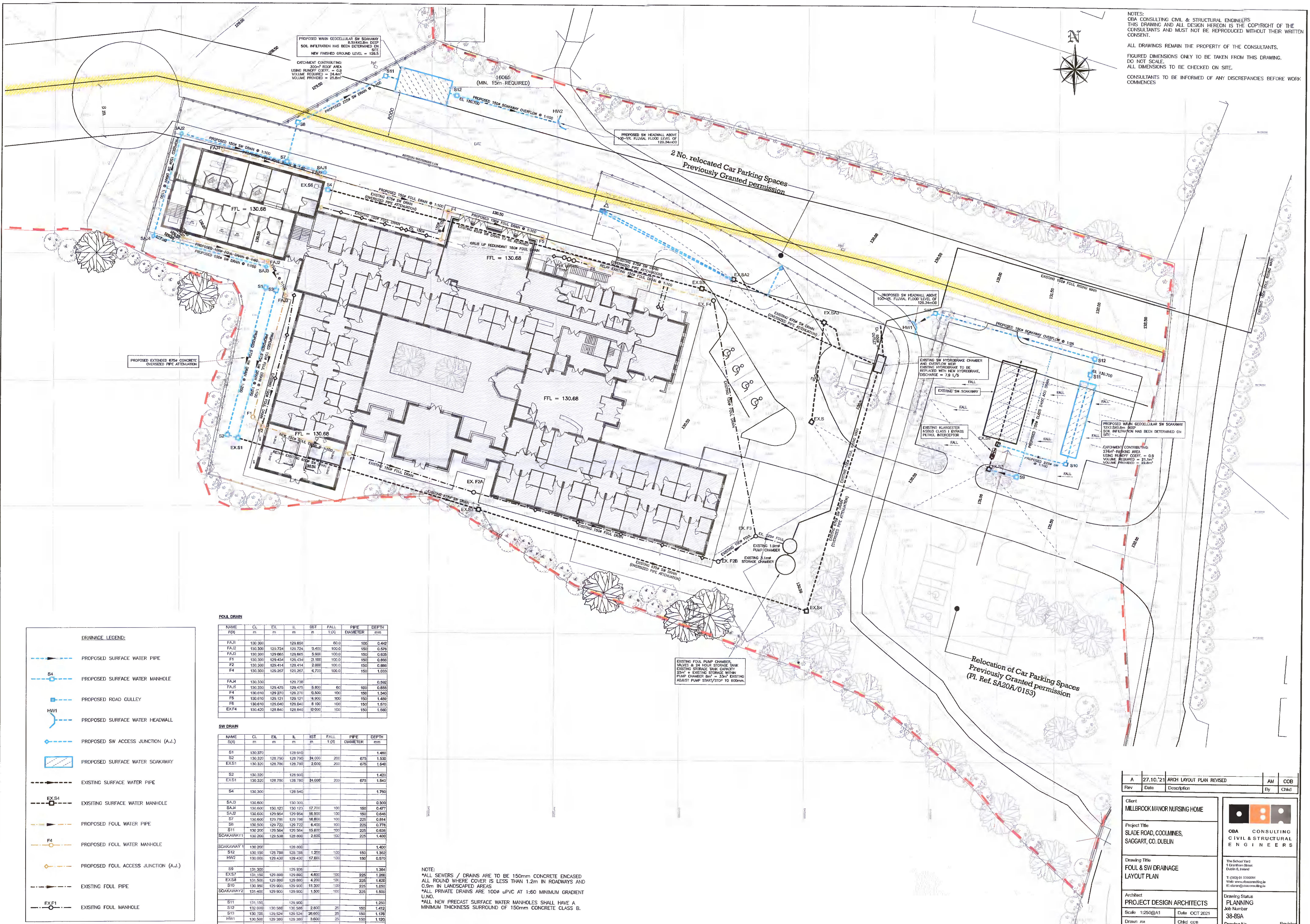


NOTES:
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PROPOSED WAIN GEODELLULAR SW SOAKAWAY
 1500mm DEEP
 SOIL INFILTRATION HAS BEEN DETERMINED ON SITE
 NEW FINISHED GROUND LEVEL = 125.3

CATCHMENT CONTRIBUTING:
 300m² ROOF AREA
 USING RUNOFF COEFF. = 0.9
 VOLUME REQUIRED = 24.6m³
 VOLUME PROVIDED = 25.6m³

PROPOSED SW HEADWALL ABOVE
 100% FLUVAL FLOOD LEVEL OF
 125.34mOD

2 No. relocated Car Parking Spaces
 Previously Granted permission

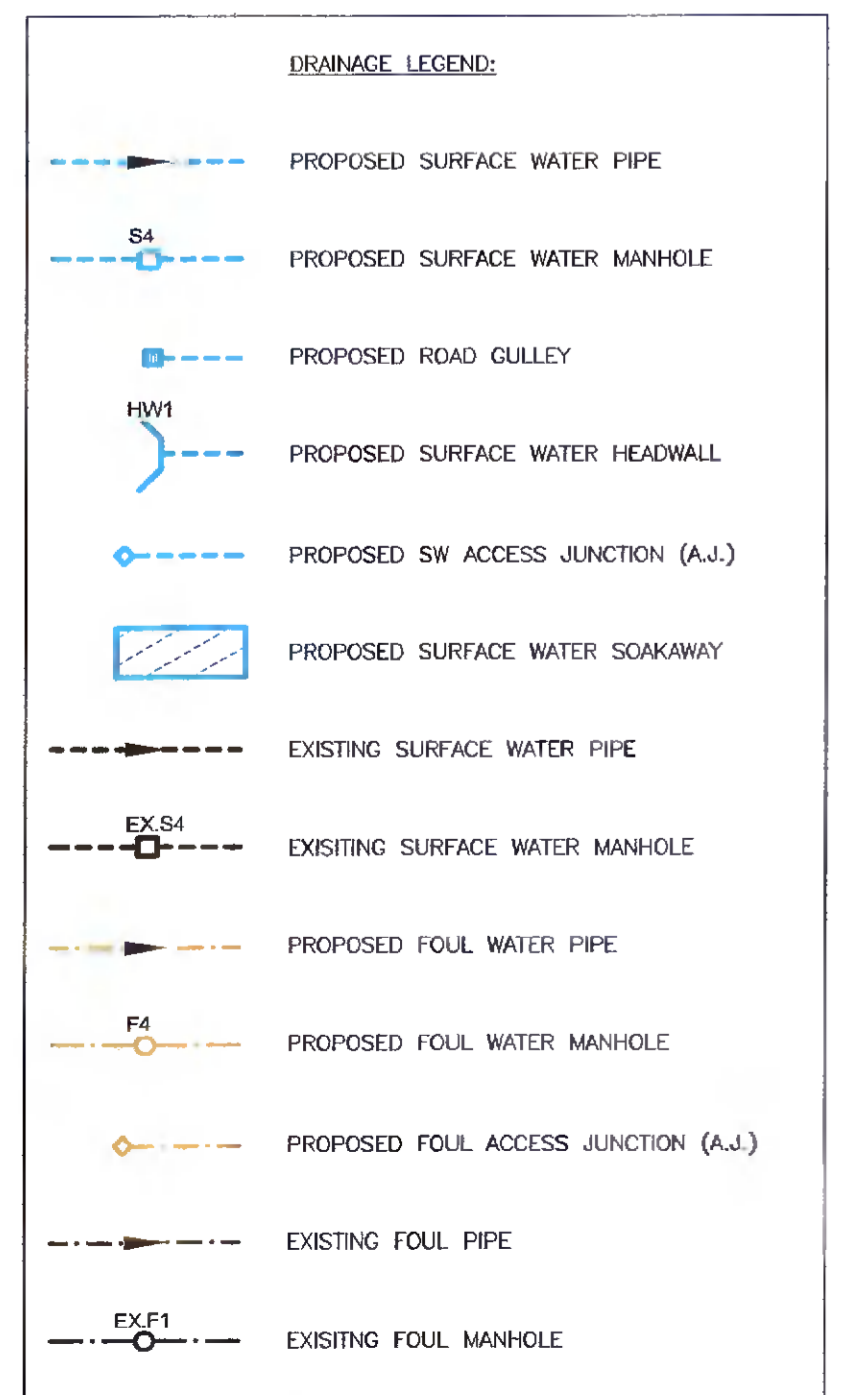
PROPOSED SW HEADWALL ABOVE
 100% FLUVAL FLOOD LEVEL OF
 125.34mOD

PROPOSED WAIN GEODELLULAR SW SOAKAWAY
 1500mm DEEP
 SOIL INFILTRATION HAS BEEN DETERMINED ON SITE
 NEW FINISHED GROUND LEVEL = 125.3

CATCHMENT CONTRIBUTING:
 274m² ROOF AREA
 USING RUNOFF COEFF. = 0.9
 VOLUME REQUIRED = 21.9m³
 VOLUME PROVIDED = 22.6m³

EXISTING FOUL PUMP CHAMBER,
 VALVES & 24 HOUR STORAGE TANK
 EXISTING STORAGE TANK CAPACITY
 25m³ & EXISTING STORAGE WITHIN
 PUMP CHAMBER 6m³ SW EXISTING
 ADJUST PUMP START/STOP TO 600mm.

Relocation of Car Parking Spaces
 Previously Granted permission
 (Pl. Ref. SA20A/0153)



FOUL DRAIN

NAME (F/C)	CL m	EIL m	IL m	DIST m	FALL 1/100	PIPE DIAMETER	DEPTH mm
FAJ1	130.300	129.858	129.858	60.0	100.0	100	0.442
FAJ2	130.300	129.724	129.724	3.400	100.0	150	0.578
FAJ3	130.300	129.665	129.665	5.900	100.0	150	0.635
F1	130.300	129.434	129.434	3.100	100.0	150	0.861
F2	130.300	129.414	129.414	2.000	100.0	150	0.888
F4	130.300	129.267	129.267	4.700	100.0	150	1.033
FAJ4	130.330	129.738	129.738				0.692
FAJ5	130.330	129.475	129.475	5.800	60	100	0.835
F4	130.610	129.270	129.270	0.500	100	150	1.340
F5	130.610	129.121	129.121	4.900	100	150	1.489
F6	130.610	129.040	129.040	8.100	100	150	1.570
EX-F4	130.420	128.840	128.840	0.000	100	150	1.580

SW DRAIN

NAME (S/C)	CL m	EIL m	IL m	DIST m	FALL 1/100	PIPE DIAMETER	DEPTH mm
S1	130.370	129.910	129.910				1.490
S2	130.320	129.790	129.790	24.000	200	675	1.530
EX-S1	130.320	129.790	129.790	2.000	200	675	1.640
S2	130.320	129.900	129.900				1.420
EX-S1	130.320	129.780	129.780	24.000	200	675	1.540
S4	130.300	129.540	129.540				1.780
SAJ3	130.600	129.300	129.300				0.530
SAJ4	130.600	130.120	130.120	17.700	100	180	0.477
SAJ2	130.600	129.954	129.954	16.600	100	180	0.648
S7	130.600	129.798	129.798	16.800	100	225	0.814
S8	130.500	129.720	129.720	4.000	100	225	0.778
S11	130.200	129.564	129.564	15.800	100	225	0.638
SOAKAWAY1	130.200	129.538	129.538	2.600	100	225	1.400
SOAKAWAY1	130.200	129.000	129.000				1.400
S12	130.150	128.788	128.788	1.200	100	150	1.362
HW2	130.000	129.430	129.430	17.000	100	150	0.570
S9	131.300	129.938	129.938				1.384
EX-S7	131.150	129.880	129.880	4.800	100	225	1.280
EX-S8	131.500	129.880	129.880	4.200	100	225	1.620
S10	130.950	129.900	129.900	11.300	100	225	1.050
SOAKAWAY2	131.450	129.900	129.900	1.500	100	225	1.900
S11	131.150	129.900	129.900				1.250
S12	132.000	130.588	130.588	2.600	25	150	1.412
S13	130.100	129.524	129.524	28.600	25	150	1.178
HW1	130.500	129.380	129.380	3.600	25	150	1.120

NOTE:
 *ALL SEWERS / DRAINS ARE TO BE 150mm CONCRETE ENCASED ALL AROUND WHERE COVER IS LESS THAN 1.2m IN ROADWAYS AND 0.9m IN LANDSCAPED AREAS
 *ALL PRIVATE DRAINS ARE 100p uPVC AT 1:60 MINIMUM GRADIENT U.N.O.
 *ALL NEW PRECAST SURFACE WATER MANHOLES SHALL HAVE A MINIMUM THICKNESS SURROUND OF 150mm CONCRETE CLASS B.

Rev	Date	Description	By	Chkd
A	27.10.21	ARCH LAYOUT PLAN REVISED	AM	COB

Client
MILLBROOK MAJOR NURSING HOME

Project Title
SLADE ROAD, COOLMINEES, SAGGART, CO. DUBLIN

Drawing Title
FOUL & SW DRAINAGE LAYOUT PLAN

Architect
PROJECT DESIGN ARCHITECTS

Scale: 1:250 @ A1 Date: OCT 2021

Drawn: AM Chkd: COB

Job Number
38-89A

Drawing No.
CO2

Revised
A

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Drawing Status
PLANNING